Abstract of the Disclosure

A system and method for securing communications in a wireless network includes the steps of authenticating members of the wireless network, generating a member private key to be used by the members of the wireless network, and distributing the member private key to each of the members of the wireless network. A member is authenticated based on the ability of the member to be physically proximate to at least one other member of the wireless network at a given instant. The member private key is generated by one of the members, hereinafter referred to as a master member, in response to a changing value stored at the one of the members. The member private key is then securely distributed to each of the members in the WLAN network.

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